

Lake District National Park

Forecast valid from 06:00 on Thursday 17 Feb 2022 until 23:59 on Friday 18 Feb 2022

Forecast Issued on Thursday 17 Feb 2022 at 03:03

Confidence: High for unsettled weather on Thursday and Friday. Low for extent of any rain or snow on Saturday. High for changeable weather to continue on Sunday and Monday.

Headline for Thursday 17 Feb 2022: Cold and windy with some brightness and occasional wintry showers, these most likely this afternoon.

Mountain weather hazards on Thursday 17 Feb 2022

Blizzards

No Likelihood

Gales

Medium Likelihood

Thunderstorms

Low Likelihood

Heavy persistent snow

No Likelihood

Severe chill effect

High Likelihood

Heavy persistent rain

No Likelihood

Storm force winds

No Likelihood

Poor visibility

Low Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Partly cloudy (night)	Sunny intervals	Sunny intervals	Heavy snow	Light snow	Partly cloudy (night)
Precipitation probability					
30%	20%	20%	50%	30%	20%

Forecast for Thursday 17 Feb 2022

Weather: Some bright or sunny intervals this morning, chance of a brief passing wintry shower this mainly in the north of the area. Becoming rather more cloudy this afternoon with some snow showers, perhaps merging into a longer period of snow for a time. Turning drier towards evening.

Chance of cloud-free hill tops above 800m: 70% this morning. 40% this afternoon with an increasing risk of showers

Low cloud and visibility: Good visibility this morning with cloud mostly above summits, some patches around 800 metres. Becoming poor in any heavier snow this afternoon with cloud lowering to 700 metres for a short time.

Forecast for Thursday 17 Feb 2022

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	50/60 W	44/54 W	38/48 W	31/40 W	25/30 W	21/26 SW	18/23 S
600	41/52 W	36/47 W	32/43 W	27/36 W	20/28 W	18/25 SW	14/19 S
300	15/42 W	14/39 W	14/35 W	12/30 W	7/21 W	7/19 SW	5/16 S
Valley	15/40 W	15/37 W	14/33 W	13/29 W	7/18 W	6/17 SW	5/14 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-2/-13	-3/-13	-2/-12	-2/-11	-3/-11	-3/-10	-2/-9
600	0/-9	-0/-9	0/-8	0/-7	-0/-7	-0/-7	-0/-6
300	3/-2	2/-2	4/-1	3/-1	2/-1	2/-1	2/-0
Valley	5/1	5/0	6/2	5/1	4/2	4/2	4/2
Freezing Level*	500m	500m	500m	500m	500m	500m	500m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Be prepared for severe wind chill on the tops. Summit gales at first, easing down this afternoon. Snow showers this afternoon may lead much reduced visibility for a short time with snow blowing around in the wind.

Forecast for Friday 18 Feb 2022

Weather: A wintry start to the day with widespread snow, heavy in the early hours. Perhaps becoming drier for a time mid to late morning with snow turning more intermittent, and turning to rain below 600 metres. Further snow expected at first in the afternoon before drier weather edges eastward through the afternoon. Blizzard conditions developing at times, especially above 800 metres, some severe conditions expected with drifting snow and severe wind chill. Snow showers spreading from the northwest in the evening.

Maximum wind: Summit severe gale north or northwesterly winds gusting 60 to 70 mph in the afternoon

Chance of cloud-free hill tops above 800m: 10% or less, becoming 60% late afternoon.

Low cloud and visibility: Whiteout conditions expected whilst snow persists, but markedly improving once snow clears away in the afternoon. Widespread cloud down to 500 metres in snow.

Temperature: **Valleys:** Minus Zero becoming 5 Celsius during the afternoon
At 800m: Minus 3 Celsius
Freezing level: 400 metres, perhaps rising to 800 metres for a time late morning, before dropping back quickly to 400 metres or less

Ground Conditions Supplement

Date: Wednesday 16 February 2022. Location: Col between Lower Man and Whiteside at 10:34. Full report: Cumbria is under a Met Office Amber warning for wind from 14:00 today until Midnight as Storm Dudley passes over the UK. From Midnight until 06:00 tomorrow morning, it then becomes a yellow warning. Amber warnings indicate an increased likelihood of impacts from severe weather, including the possibility of travel delays, road and rail closures, power cuts, and potential risk to life and property. Extremely high winds are expected (90mph+ over high and exposed ground). It is therefore advisable to avoid going into the hills during this period. Today's readings were from below the summit Lower Man at an altitude of around 800m. No snow was encountered or seen today and with the temperature at that height around 4.5°C, any remaining snow will be thawing quickly. However, snow will be present on steep north and east-facing slopes above 800 -850m and more is forecast on Friday with the arrival of Storm Eunice. Anyone venturing out tomorrow is advised to plan routes carefully and expect high winds. Full winter clothing (warm and waterproof) including hats and gloves, and equipment including a map, compass, and headtorch are all essential. For anyone planning routes on any remaining snow, it is advisable to carry an ice axe and crampons/microspikes. Temperature: plus 4.5 C, Maximum wind speed 73.0 mph, Wind chill: minus 5.9 C, Average wind speed: 60.0 mph

Issued at: 03:03 on Thu 17 Feb 2022